

Product datasheet

Anti-HP1BP3 antibody ab68719

1 Image

Overview

Product name	Anti-HP1BP3 antibody
Description	Mouse polyclonal to HP1BP3
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Full length human HP1BP3 protein, (NP_057371, 553 a.a)
Positive control	HP1BP3 transfected 293T lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.20 Constituent: 2.68% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab68719** in the following tested applications.

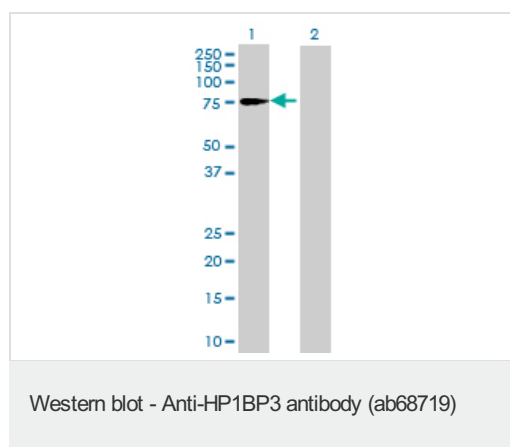
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Detects a band of approximately 75 kDa (predicted molecular weight: 61 kDa).

Target

Function	Component of heterochromatin that maintains heterochromatin integrity during G1/S progression and regulates the duration of G1 phase to critically influence cell proliferative capacity (PubMed:24830416). Mediates chromatin condensation during hypoxia, leading to increased tumor cell viability, radio-resistance, chemo-resistance and self-renewal(PubMed:25100860).
Sequence similarities	Contains 3 H15 (linker histone H1/H5 globular) domains.
Domain	A central region that included the first H15 (linker histone H1/H5 globular) domain binds at the entry/exit site of the nucleosomal DNA.
Cellular localization	Nucleus. Chromosome. localized in nuclei but not in nucleoli in interphase. Colocalized with chromosomes in mitosis, with a gradually increased during G1 progression and a maximum level during late G1 phase (G1/S).

Images



All lanes : Anti-HP1BP3 antibody (ab68719)
at 1/500 dilution

Lane 1 : HP1BP3 transfected 293T lysate

Lane 2 : Non-transfected 293T lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-Mouse IgG (H&L)-HRP
at 1/2500 dilution

Predicted band size: 61 kDa

Observed band size: 75 kDa

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